

TITLE OF THE INVENTION

A DATA CODE LABEL, A METHOD OF DECODING DATA CODES,
AND AN OPTICAL DATA CODE DECODING SYSTEM

ABSTRACT OF THE DISCLOSURE

5 A data code label including a QR code and an ID tag
including a memory having an identification code area and a decode
data writing area. A data code in the QR code showing an error in
decoding is corrected and stored in the memory in the ID tag while
the degree of defection of the QR code is low. When the defects
10 advance, the error rate will increase. If the error occurs after
advance of defects, the decode data in the memory is read when the
error is detected. If the decode data cannot be read, the error
correction is effected. If the error rate is higher than a reference,
the decode data is obtained from the memory. If this decreases the
15 error rate under the reference, the error correction is effected.

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